Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel claims 2, 3, 7-10, and 16-19 without prejudice.

Please amend claims 1, 4-6, 11-13, and 15 as follows:

1. (currently amended): A method of ~~parallel~~ programming an electronic device's memory with test code and system code ~~prior to board level testing during manufacturing~~, the method comprising the steps of:

programming said electronic device memory with ~~first instructions and second instructions~~ code common to a plurality of electronic devices, wherein ~~said first instructions~~a first portion of the common code comprises ~~said~~ test code for use during board level testing of said electronic device, and wherein ~~said second instructions~~ a second portion of the common code comprises partial system code for system level testing of said electronic device;

executing said ~~first instructions~~test code portion of the common code during board level testing of said electronic device to determine the condition of said electronic device ~~independent of said second instructions~~;

programming said electronic device memory with a third ~~instructions~~portion of code if the electronic device passes board level testing, wherein said third

~~instructions~~portion of code includes system code to complement said second ~~instructions~~portion of common code and customize said electronic device; and

executing said second ~~instructions~~ and said third ~~instructions~~portions of code during system level testing of said electronic device.

claims 2-3 (cancelled)

4. (currently amended): The method of Claim 1, wherein said memory ~~location is~~ flash memory.

5. (currently amended): The method of Claim 1, wherein said step of programming said electronic device with said third ~~instructions~~portion of code comprises overwriting said first ~~instructions~~portion of code with said ~~second~~third ~~instructions~~portion of code.

6. (currently amended): The method of Claim 1, wherein said third ~~instructions~~ portion of code ~~are~~comprises user interface codes.

claims 7-10 (cancelled)

11. (currently amended): A system for ~~parallel~~ programming an electronic device's memory with test code and system code ~~prior to board level testing during manufacturing~~, the system comprising:

means for programming said electronic device memory with ~~first instructions and second instructions~~code common to a plurality of electronic devices, wherein ~~said first instructions~~a first portion of the common code comprises ~~said~~ test code for use during board level testing of said electronic device, and wherein ~~said~~a second ~~instructions~~portion

of the common code comprises partial system code for system level testing of said electronic device;

means for executing said ~~first instructions~~test code portion of the common code during board level testing of said electronic device to determine the condition of said electronic device ~~independent of said second instructions~~;

means for programming said electronic device with a third ~~instructions~~portion of code, wherein said third ~~instructions~~ portion of code includes system code which complements said second ~~instructions~~portion of code to complete said system code and customize said electronic device, if the electronic device passes board level testing; and

means for executing said second ~~instructions~~ and said third ~~instructions~~ portions of code during system level testing of said electronic device.

12. (currently amended): A system for ~~parallel~~ programming an electronic device's memory with test code and system code ~~prior to board level testing during manufacturing~~, the system comprising:

an electronic device;

a programmable memory located in said electronic device~~;~~, the programmable memory having an input for receiving code, wherein the programmable memory is programmed with code common to a plurality of portable electronic devices,

~~a first input device in communication with said electronic device, wherein first instructions and second instructions are programmed into said programmable memory by said input device, and~~ wherein ~~said~~a first ~~instructions~~portion of common code comprises

~~said~~ test code, ~~and said~~ a second ~~instructions~~portion of common code comprises ~~said~~ partial system code for system level testing of said electronic device;

means for executing said ~~first instructions~~test code portion of the common code stored in said electronic device during board level testing of said electronic device to determine the condition of said electronic device;

~~a second input device in communication with said electronic device, wherein third instructions are programmed into said programmable memory to complement said second instructions to complete said system code; and~~

means for programming said programmable memory with a third portion of code, wherein the third portion of code includes system code to complement said second portion of common code and customize said electronic device;

means for executing said second ~~instructions~~ and said third ~~instructions~~portions of code stored in said electronic device during system level testing of said electronic device.

13. (currently amended): The system of Claim 12, further comprising a ~~wherein said~~ first ~~and second~~ input devices ~~are the same input device~~ for programming said first instructions, said second instructions, and said third instructions into said programmable memory.

14. (original): The system of Claim 12, wherein said programmable memory is flash RAM.

15. (currently amended): The system of Claim 12, wherein said third ~~instructions~~portion of code ~~are~~ comprises user interface codes.

claims 16-19 (cancelled)

20. (original): The system of Claim 12, wherein said programmable memory is flash memory.

Please add the following new claims.

21. (new): The method of Claim 1 further comprising:

programming said memory with consumer preference information to customize the electronic device for an individual consumer, if the electronic device passes system level testing.

22. (new): The method of Claim 21 wherein the consumer preference information customized to an individual consumer includes at least one of a phone number, a speed dial number, or a ring volume setting.

23. (new): The method of Claim 1 wherein during the step of programming said electronic device memory with the third portion of code, said test code portion is overwritten.

24. (new): The method of Claim 23 wherein the third portion of code includes operational mode code.

25. (new): The method of claim 24 wherein the operational mode code defines whether the device has dual, single, or tri-mode phone capability.

26. (new): The method of Claim 1 wherein the electronic device is a cellular phone or a personal digital assistant.

27. (new): The system of Claim 12 further comprising:

a first input device for programming said first instructions and said second instructions into said programmable memory; and

a second input device for programming said third instructions into said programmable memory.